

What is claimed:

1. A tie on orthodontic hook for attaching to brackets of an orthodontic appliance to be used for the attachment of elastics and other orthodontic devices comprising:

a continuous circular wire body;

a twisted hook portion formed from the circular wire body;

a determinable body circumference wherein the circumference is determined by an orthodontic bracket size and a hook size desired; and

a determinable wire body diameter wherein the diameter is determined by the tie wing of an orthodontic bracket.

2. A tie on orthodontic hook as in claim 1 wherein the diameter of the circular wire body is 4 mm to 10 mm.

3. A tie on orthodontic hook as in claim 1 wherein the diameter of the wire is the wire is .008 inch to .014 inch.

4. A tie on orthodontic hook as in claim 1 wherein the wire is a single strand.

5. A tie on orthodontic hook as in claim 1 wherein the wire is a multiple strand of two or more wires with a combined diameter of .008 inch to .014 inch.

6. A tie on orthodontic hook as in claim 1 wherein the orthodontic hook is formed by:

gripping 1-2 mm of the circular body with a pair of pliers;

placing the circular body over the orthodontic tie wing;

engaging the orthodontic wings with the circular body; and

rotating the pliers in their axial direction until the circular body engages the orthodontic tie wing and the orthodontic hook is formed.

**7.** A tie on orthodontic hook for attaching to brackets of an orthodontic appliance to be used for the attachment of elastics and other orthodontic devices comprising:

a continuous oval wire body;

a twisted hook portion formed from the circular wire body;

a determinable body circumference wherein the circumference is determined by an orthodontic bracket size and a hook size desired; and

a determinable wire body diameter wherein the diameter is determined by the tie wing of an orthodontic bracket.

**8.** A tie on orthodontic hook as in claim 7 wherein the diameter of the circular wire body is 4 mm to 10 mm.

**9.** A tie on orthodontic hook as in claim 7 wherein the diameter of the wire is the wire is .008 inch to .014 inch.

**10.** A tie on orthodontic hook as in claim 7 wherein the wire is a single strand.

**11.** A tie on orthodontic hook as in claim 7 wherein the wire is a multiple strand of two or more wires with a combined diameter of .008 inch to .014 inch.

**12.** A tie on orthodontic hook as in claim 7 wherein the orthodontic hook is formed by:

gripping 1-2 mm of the circular body with a pair of pliers;

placing the circular body over the orthodontic tie wing;

engaging the orthodontic wings with the circular body; and

rotating the pliers in their axial direction until the circular body engages the orthodontic tie wing and the orthodontic hook is formed.

**13.** A tie on orthodontic hook for attaching to brackets of an orthodontic appliance to be used for the

attachment of elastics and other orthodontic devices comprising:

a continuous rectangular wire body;

a twisted hook portion formed from the circular wire body;

a determinable body circumference wherein the circumference is determined by an orthodontic bracket size and a hook size desired; and

a determinable wire body diameter wherein the diameter is determined by the tie wing of an orthodontic bracket.

**14.** A tie on orthodontic hook as in claim **13** wherein the diameter of the circular wire body is 4 mm to 10 mm.

**15.** A tie on orthodontic hook as in claim **13** wherein the diameter of the wire is the wire is .008 inch to .014 inch.

**16.** A tie on orthodontic hook as in claim **13** wherein the wire is a single strand.

**17.** A tie on orthodontic hook as in claim **13** wherein the wire is a multiple strand of two or more wires with a combined diameter of .008 inch to .014 inch.

**18.** A tie on orthodontic hook as in claim **13** wherein the orthodontic hook is formed by:

gripping 1-2 mm of the circular body with a pair of pliers;

placing the circular body over the orthodontic tie wing;

engaging the orthodontic wings with the circular body; and

rotating the pliers in their axial direction until the circular body engages the orthodontic tie wing and the orthodontic hook is formed.